

Department of Transportation — Federal Aviation Administration  
**Supplemental Type Certificate**

*Number* SA2862WE

*This certificate, issued to* Flint Aero

*certifies that the change in the type design for the following product with the limitations and conditions therefor as specified hereon meets the airworthiness requirements of Part 3 of the Civil Air Regulations, effective May 15, 1956 and Paragraph 3.112 effective October 1, 1959.*

*Original Product — Type Certificate Number:* 3A21

*Make:* Cessna

*Model:* 210G, T210G, 210H, T210H, 210J, T210J, 210K, T210K, 210L, T210L, 210M, T210M, P210N, 210N, T210N

*Description of Type Design Change:*

Installation of larger fuel-containing wing tips in accordance with FAA sealed Flint Aero Data List No. DL FA2101.

*Limitations and Conditions:*

The limitations and conditions of Data Sheet 3A21 apply, except as outlined on Page 3 of this STC. A copy of this STC must be included in the permanent records of each airplane modified in accordance with this STC.

*This certificate and the supporting data which is the basis for approval shall remain in effect until surrendered, suspended, revoked, or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.*

*Date of application:* August 7, 1973

*Date issued:* March 8, 1976

*Date of issuance:* March 22, 1974

*Date amended:* 9/26/75, 3/8/76, 3/11/77, 4/28/77, 5/3/78, 3/27/79; 7/23/79



*By direction of the Administrator*

*[Signature]*  
 (Signature)

*[Signature]*  
 Chief, Aircraft Engineering Division  
 (Title)

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both.

This certificate may be transferred in accordance with FAR 21.47.

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**Supplemental Type Certificate****(Continuation Sheet)**

01/22/74 (I)  
 09/26/75 (A)  
 03/08/76 (R)  
 03/11/77 (A)  
 04/28/77 (A)  
 05/03/78 (A)  
 03/27/79 (A)  
 07/23/79 (A)

*Number* SA2862WELimitations and Conditions

Fuel Capacity 118 gal. (117 gal. usable); two 45 gal. main tanks in wings at (+43) and two 14 gal. aux. tanks in wings at (+49.5).

Placards The following placards are required in locations noted:

Adjacent to each auxiliary tank shutoff valve:

"Aux. fuel 14 U.S. Gal. Transfer aux. fuel only in level flight when main tank is half empty and when main tank is not supplying engine. Aux. fuel switch must be off during take-off, landing, filling and when empty."

Adjacent to each auxiliary tank filler: "14 U.S. Gal. \*Min. Grade Av. gasoline. Aux. fuel switch must be off before filling."

\*Insert grade number on placards for main tanks.

Adjacent to the airspeed indicator (Models T210G, T210H, T210J, T210K, T210L, T210M, P210N, and T210N only):  
 "Reduce  $V_{ne}$  5 MPH per 1,000 feet above 18,000 feet."

In full view of the pilot:

- (a) For Models 210G, T210G, 210H, T210H, 210J and T210J:  
 "Design weights 3400 lbs. max. provided each wing tip contains 7 gals. or more fuel. 3240 lbs. max. with no fuel in wings tips."
- (b) For Models 210K, T210K, 210L, T210L, 210M, T210M, and 210N:  
 "Design weights 3800 lbs. max. provided each wing tip contains 7 gals. or more fuel and main tanks are 2/3 full or more. 3530 lbs. max. with no fuel in wing tips."

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Limitations and Conditions (continued)

(c) For Models P210N and T210N:  
 Wing Tip Aux. Tank Weight Limits

<u>Aux. Fuel Tank</u>	<u>Max. T.O. Weight</u>	<u>Max. Ldg. Weight</u>
Either is less than 7 gals.	3730 lbs.	3530 lbs.
Both are 7 gals. or more	4000 lbs.	3800 lbs.

Limitation of Applicability

The approval of this change in type design applies to the above noted Cessna models that are otherwise unmodified and should not be extended to other aircraft of these models on which other modifications are incorporated unless it is determined that the interrelationship between this change and any previously approved modification will introduce no adverse effect on the airworthiness of these aircraft.

END

*Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both.*